CLAIMS

1. Method for implementing a service in a digital multiple-service network (ISDN) comprising an exchange (3), a first telecommunication terminal (TE1)
5   connected to the multiple-service network (ISDN) via a first interface (4) and a second telecommunication terminal (TE2) connected to the multiple-service network (ISDN) via a second interface (5), c h a r a c - t e r i z e d in that the service is implemented using
10   a server (1) connected to the multiple-service network (ISDN) via a third interface (6), and the service information is transmitted to the second telecommunication terminal (TE2) using channels reserved for signalling and a signalling protocol comprising a limited
15   amount of information not belonging to the call.

2. Method as defined in claim 1, c h a r a c - t e r i z e d in that the service information is transmitted in the form of a text message.

3. Method as defined in claim 1 or 2,
20   c h a r a c t e r i z e d in that the service information is transmitted in a suitable information element.

4. Method as defined in any one of claims 1 - 3, c h a r a c t e r i z e d in that the service information is transmitted using UUS signalling.

25   5. Method as defined in any one of claims 1 - 4, c h a r a c t e r i z e d in that the service information is transmitted using USBS signalling.

6. Method as defined in any one of claims 1 - 5, c h a r a c t e r i z e d in that the service pro-
30   vided by the server is distinguished via multiple subscriber numbering in which, in addition to a main number, a number of terminal-specific identification numbers have been defined for the basic subscriber interface.

35   7. Method as defined in any one of claims 1 - 6, c h a r a c t e r i z e d in that the service provided by the server is distinguished by subaddressing.

8. Method as defined in any one of claims 1 - 7, c h a r a c t e r i z e d in that the service is used to indicate telephone book information to the telecommunication terminal (TE21, TE2).

9. Method as defined in any one of claims 1 - 8, c h a r a c t e r i z e d in that the service is used to indicate A-party (TE1) telephone book information to the B-party telecommunication terminal (TE2).

10. Method as defined in any one of claims 1 - 9, c h a r a c t e r i z e d in that a Facility message is sent from the B-party telecommunication terminal (TE2) to the exchange (3), a query for A-party telephone book information is sent from the exchange (3) to the server (1) and the telephone book information is sent from the exchange (3) to the B-party telecommunication terminal (TE2).

11. Method as defined in any one of claims 1 - 10, c h a r a c t e r i z e d in that an Information message is sent from the B-party telecommunication terminal (TE2) to the exchange (3), a query for A-party telephone book information is sent from the exchange (3) to the server (1) and the telephone book information is sent from the exchange (3) to the B-party telecommunication terminal (TE2).

12. Method as defined in any one of claims 1 - 11, c h a r a c t e r i z e d in that the telephone book information is stored in conjunction with the telecommunication terminal (TE2).

13. Method for transmitting the name of an A-party to a B-party telecommunication terminal in a digital multiple-service network (ISDN) comprising an exchange (3), a first telecommunication terminal (TE1) belonging to the A-party and connected to the network via a first interface (4) and a second telecommunication terminal (TE2) belonging to the B-party and connected to the network via a second interface (5), c h a r a c t e r i z e d in that a message comprising

the number of the A-party and requesting A-party telephone book information is sent from the second telecommunication terminal (TE2) to the exchange (3), the telephone book information regarding the A-party is

5   retrieved in the exchange (3) and sent from the exchange (3) to the second telecommunication terminal (TE2) using channels reserved for signalling and a signalling protocol comprising a limited amount of information not belonging to the call.

10   14. Method as defined in claim 13, c h a r - a c t e r i z e d in that the information is transmitted between the second telecommunication terminal (TE2) and the exchange (3) using a Facility message.

        15. Method as defined in claim 13 or 14,

15   c h a r a c t e r i z e d in that the information is transmitted between the second telecommunication terminal (TE2) and the exchange (3) using an Information message.

        16. Method as defined in any one of claims 13

20   - 15, c h a r a c t e r i z e d in that the transmission of the name of the A-party is activated from a menu in the second telecommunication terminal (TE2).

        17. Method as defined in any one of the claims 13 - 16, c h a r a c t e r i z e d in that the

25   telephone book information is stored in conjunction with the telecommunication terminal (TE2).

        18. System for implementing a service in a digital multiple-service network (ISDN) comprising an exchange (3), a first telecommunication terminal (TE1)

30   connected to the network via a first interface (4) and a second telecommunication terminal (TE2) connected to the network via a second interface (5), c h a r a c - t e r i z e d in that the system comprises a server (1) connected to the network via a third interface (6) and

35   means for transmitting service information between the server (1) and the telecommunication terminal (TE1, TE2) using channels reserved for signalling and a sig-

nalling protocol comprising a limited amount of information not belonging to the call.

19. System as defined in claim 18, c h a r a c t e r i z e d in that the system comprises means for transmitting the service information as a text message.

20. System as defined in claim 18 or 19, c h a r a c t e r i z e d in that the system comprises means for transmitting the service information in a suitable information element.

21. System as defined in any one of claims 18 - 20, c h a r a c t e r i z e d in that the system comprises means for transmitting the service information using UUS signalling.

22. System as defined in any one of claims 18 - 21, c h a r a c t e r i z e d in that the system comprises means for transmitting the service information using USBS signalling.

23. System as defined in any one of claims 18 - 22, c h a r a c t e r i z e d in that the server comprises means for distinguishing the service via multiple subscriber numbering in which, in addition to a main number, a number of terminal-specific identification numbers have been defined for the basic subscriber interface.

24. System as defined in any one of claims 18 - 23, c h a r a c t e r i z e d in that the server (1) comprises means for distinguishing the service via subaddressing.

25. System as defined in any one of claims 18 - 24, c h a r a c t e r i z e d in that the system comprises means for indicating telephone book information to the telecommunication terminal (TE1, TE2).

26. System as defined in any one of claims 18 - 25, c h a r a c t e r i z e d in that the system comprises means for indicating A-party telephone book in-

formation to the B-party telecommunication terminal (TE2).

27. System as defined in any one of claims 18 - 26, c h a r a c t e r i z e d in that the B-party telecommunication terminal (TE2) comprises means for sending a Facility message to the exchange, the exchange comprises means for sending a query for A-party telephone book information to the server (1) and means for sending the telephone book information to the B-party telecommunication terminal (TE2).

28. System as defined in any one of claims 18 - 27, c h a r a c t e r i z e d in that the B-party telecommunication terminal (TE2) comprises means for sending an Information message to the exchange (3), the exchange (3) comprises means for sending a query for A-party telephone book information to the server and means for sending the telephone book information to the B-party telecommunication terminal (TE2).

29. System as defined in any one of claims 18 - 27, c h a r a c t e r i z e d in that the telecommunication terminal (TE2) comprises means for storing the telephone book information.

30. System for transmitting A-party telephone book information to a telecommunication terminal in a digital multiple-service network (ISDN) comprising an exchange (3), a first telecommunication terminal (TE1) belonging to the A-party and connected to the network via a first interface (4) and a second telecommunication terminal (TE2) belonging to the B-party and connected to the network via a second interface (5), c h a r a c t e r i z e d in that the second telecommunication terminal (TE2) comprises means for sending a message comprising the number of the A-party and requesting A-party telephone book information to the exchange (3), the exchange (3) comprises means for retrieving A-party telephone book information and sending it to the second telecommunication terminal (TE2),

the information being transmitted using channels reserved for signalling and a signalling protocol comprising a limited amount of information not belonging to the call.

5   31. System as defined in claim 30, c h a r - a c t e r i z e d in that the system comprises means for transmitting the information between the second telecommunication terminal (TE2) and the exchange (3) using a Facility message.

10   32. System as defined in claim 30 or 31, c h a r a c t e r i z e d in that the system comprises means for transmitting the information between the second telecommunication terminal (TE2) and the exchange (3) using an Information message.

15   33. System as defined in any one of claims 30 - 32, c h a r a c t e r i z e d in that the second telecommunication terminal (TE2) comprises a menu for the activation of the transmission of A-party telephone book information.

20   34. System as defined in any one of claims 30 - 33, c h a r a c t e r i z e d in that the telecommunication terminal (TE2) comprises means for storing the telephone book information.